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INFORMATION	Application #	10/540,248
DISCLOSURE	Confirmation #	8671
STATEMENT	Filing Date	June 25, 2005
	First Inventor	MATTILA
	Art Unit	3700
	Examiner	
	Docket #	P08685US00/DEJ

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR :

This IDS is submitted herewith pursuant to 37 CFR. §1.97-1.98 and includes the following:

- A listing of the references on PTO-1449.
- A copy of all **non-US** references which are listed on the PTO-1449 (US refs not required).
- A copy of a corresponding foreign **Search Report** which explains the relevance of the references noted therein.
- It will be noted that the references GB 959955 and FI 96518 mentioned in the Background section of the present application have been provided in this the IDS by the equivalent US patents 3,227,230 and 5,590,726.

Please note the following particulars concerning the filing of this IDS:

- 1. This IDS is filed at whichever is the latest of:
 - within three months of the filing date of a NATIONAL APPLICATION other than a CPA, or
 - within three months of the date of entry into the NATIONAL STAGE as set forth in 37 CFR. §1.491 in an international application, or
 - before the mailing date of a first Office Action on the merits, or
 - before the mailing of a first Office Action after the filing of an RCE.
- 2. This IDS is filed **after a first Office Action**, but before a Final Action, Allowance, or any other action which closes prosecution, **and**:
 - A. Is accompanied by a payment in the amount of \$180.00 required by 37 CFR. §1.17(p).
 - or
 - B. I hereby state that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
 - C. I hereby state that no item of information in this IDS herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR. §1.56(c) more than 3 months prior to the filing of this IDS.
 - D. An appropriate Statement is attached.

3. This IDS is filed **after** a final action or allowance, but on/before payment of the issue fee, and:

A. is accompanied by a payment in the amount of \$180.00 required by 37 CFR. §1.17(p).

and

B. I hereby state that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

C. I hereby state that no item of information in this IDS herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR. §1.56(c) more than 3 months prior to the filing of this IDS.

D. An appropriate Statement is attached.

4. This IDS does not comply with 37 CFR 1.97-1.98, and is being filed **for placement in the file** pursuant to 37 CFR. §1.97(i)..

5. It will also be appreciated that:

- a. It is believed that this IDS complies fully with 37 CFR 1.56 and 1.97-98 and with MPEP § 609; but if for some reason it does not and will not be entered, the examiner is requested to telephone the undersigned so that any deficiency can be timely remedied.
- b. Some of the documents may have markings thereon, but no significance should be attached to those markings.
- c. These documents are not necessarily analogous art.
- d. Where an English language translation of an abstract is provided from a public source, applicant cannot vouch for the accuracy of that translation.

6. If no payment is enclosed and a fee is due in connection with this communication or if the payment enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due with this communication to Deposit Account No. 12-0555.

Respectfully submitted,

Date: January 24, 2006

Douglas E. Jackson

By: Douglas E. Jackson
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Substitute for Form 1449A/PTO

 INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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MATTILA

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U.S. PATENT DOCUMENTS

Exam. Initial*	Document No. Number - Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.
	US-5,957,224	09/28/1999	Ilomaki	
	US-5,590,726	01/07/1997	Jarvela et al.	
	US-5,839,519	11/24/1998	Spedale, Jr.	
	US-3,277,230	01/04/1966	Lagerstrom	
US-				

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Country-Number-Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.	Trans- lation
	WO 98/13575	04/02/1998	Ilomaki		
	DE 42 25 701 C1	08/04/1992	Rubak, Peter		

NON PATENT LITERATURE DOCUMENTS

Exam. Initial*	Include NAME of the author (in CAPS), Title of Article/Item, Date, Page(s), Volume-Issue No., Publisher, City and/or Country where published	Trans- lation

Examiner Signature

Date Considered

* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.